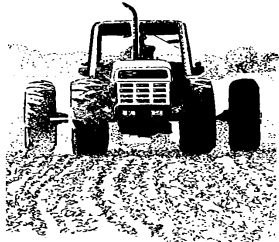


TENNESSEE WEEKLY
WEATHER AND CROP BULLETIN



Released Weekly April - November

2005 Weather Crop 20

Issued 3:00 P.M. 08/15/2005

Week Ending August 14, 2005

MOST AREAS STILL NEED RAIN

With high temperatures and “hit-and-miss” rainfall this past week, farmers across Tennessee are still in need of rain for both crops and pastures. Topping of tobacco made good progress last week, while harvest was in its second week. Cotton bolls are beginning to open, while almost all soybeans are setting pods. The State’s corn crop continues to move closer to harvest with over a tenth of the acreage mature. Again last week, beyond the worrisome burden of lack of moisture, producers spent time harvesting corn silage and hay. Growers also devoted a great deal of time to insect and disease scouting. Flies are still prevalent on cattle herds in some counties.

There were 7 days suitable for fieldwork. As of Friday, topsoil moisture levels were rated 19 percent very short, 42 percent short, and 39 percent adequate. Subsoil moisture levels were rated 12 percent very short, 42 percent short, and 46 percent adequate. Temperatures across the State were above normal last week. Precipitation averaged below normal over much of the State except East Tennessee, with Knoxville reporting over one-and-a-half inches for the week.

CROP PROGRESS: Through August 14, 2005					CONDITION: On August 12, 2005					
Crop	This Week	Last Week	2004	Five Year Avg.	Item	Very Poor	Poor	Fair	Good	Exc
Percent					Percent					
Corn - Dough	97	91	97	95	Corn	1	7	28	52	12
Corn - Dent	79	60	88	77	Soybeans	3	9	27	48	13
Corn - Mature	12	4	19	20	Cotton	0	4	18	59	19
Corn - Silage Harvested	28	11	36	34	Tobacco	1	4	30	56	9
Cotton - Bolls Opening	3	n/a	3	4	Pastures	3	17	41	36	3
Soybeans - Setting Pods	93	89	77	67						
Tobacco Topped	74	56	76	73						
Burley Tobacco Harvested	17	6	19	16						
Fire-Cured Tobacco Harvested	25	10	17	19						
Air-Cured Tobacco Harvested	17	4	18	15						

n/a = Not Available

CORN: With the crop drying down rapidly, silage producers were busy with harvest. Currently, over one-fourth of the acreage used as silage has been harvested, behind last year and the 5-year average. Grain for corn maturity was advancing at a pace slightly behind normal, with harvest projected to start towards the end of the month. The crop was rated in mostly good condition.

COTTON: Virtually all of the State’s cotton crop has set bolls and was beginning to open right on pace with last year and the 5-year average. Insect infestation remained light, while the crop was rated in mostly good-to-excellent condition.

SOYBEANS: Soybeans are showing some signs of stress due to the lack of rain. Last week, farmers were busy applying fungicides and scouting fields. Insect pressure continues to be light-to-moderate, while applications are being applied where needed.

TOBACCO: Almost three-fourths of the tobacco crop has been topped with harvest underway in most counties. The tobacco crop continued to be rated in mostly good condition.

PASTURES & HAY: Some second and third cuttings of hay were being made. Pasture conditions deteriorated slightly last week, but continued to be rated as mostly fair-to-good.

FRUITS AND VEGETABLES: Early apples are beginning to be picked with yields reported as good. Yields for fresh market tomatoes were also reported as good, albeit disease pressure has been felt by some growers.

County Agent Comments

“Dry! Dry! Dry! Corn crop is basically made. Cotton is suffering in poor areas. Boll and square shed occurring due to dry weather. Soybeans are showing signs of drought stress in sandy or poor soil areas. Insect pressures continue light to moderate.”
Tim Campbell, Dyer County

“We continue to have incredibly hot temperatures and no rain. It’s definitely taking a toll on crops and forage grasses.”
Natane Davis, Davidson County

For week ending: August 14 th , 2005 (with comparisons)										
LOCATION	TEMPERATURE				PRECIPITATION				GDD BASE 60F	
	Week Ending August 14, 2005				Current Week	Rain	Current Since	Departure From	Since April 1	
	HI	LO	AVG	DFN	08/15/05	Days	January 1	Normal	Total	DFN
Ames_Plantation	99	66	83	+5	0.00	0	33.25	-0.42	1774	+61
Tri-City_RGNL_A	93	62	76	+3	0.29	3	27.26	+0.38	1248	+93
Brownsville_TN	98	69	83	+5	0.00	0	30.20	-3.53	1858	+351
Chattanooga/Lov	93	70	80	+2	1.81	4	33.45	-0.97	1703	+108
Clarksville_Sew	100	68	84	+7	0.26	1	27.40	-4.85	1758	+241
Cookeville	93	64	77	+2	0.00	0	29.95	-6.67	1378	+436
Covington	96	67	81	+3	0.00	0	30.50	-2.51	1707	-42
Crossville_AP	88	65	74	+2	0.84	5	32.40	-3.76	1228	+154
Dickson_AG	97	64	80	+3	0.43	1	29.34	-5.15	1444	-146
Dover_1W	98	68	82	+6	0.00	0	26.85	-6.66	1598	+257
Dyersburg	99	66	83	+4	0.00	0	27.16	-4.94	1869	+8
Erwin_1W	91	63	75	+4	0.49	3	30.23	-2.34	1141	-242
Huntingdon_Wate	96	67	82	+5	0.75	2	29.84	-3.76	1675	+239
Jackson_Exp_Stn	97	68	82	+5	0.65	1	34.51	+1.01	1768	+108
Kingston_AG	91	66	77	+3	0.97	3	36.68	-1.27	1426	+185
Knoxville_AP	93	67	78	+2	1.90	2	27.90	-3.46	1575	+192
Lewisburg	96	65	79	+3	0.61	1	31.11	-4.46	1512	+110
Lexington_TN	96	67	82	+4	0.34	3	31.40	-1.30	1621	+608
Linden	97	67	81	+5	0.30	2	29.20	-6.64	1580	+170
Martin	96	67	82	+5	0.83	2	28.02	-5.92	1697	+98
Mc_Minnville_Tn	92	66	79	+3	1.71	4	27.28	-7.31	1563	-208
Memphis_AG	97	68	83	+2	0.00	0	32.59	-0.24	1888	-183
Milan	99	63	81	+4	0.00	0	30.51	-3.99	1650	+90
Murfreesboro_5N	97	68	80	+4	0.08	1	29.89	-4.18	1630	-125
Nashville_Metro	98	70	83	+6	0.41	1	25.66	-4.95	1834	+172
Newcomb	93	64	77	+5	0.63	3	34.72	-0.76	1322	+313
Oneida	92	65	77	+4	0.63	3	31.42	-4.06	1319	-168
Pikeville	91	68	78	+3	0.86	3	26.90	-7.59	1470	+101
Portland_TN	98	69	82	+6	0.38	1	28.17	-5.15	1619	+253
Pulaski_Water_P	94	66	79	+1	0.28	4	32.23	-3.04	1502	-165
Savannah_6SW	98	65	80	+2	0.24	2	30.98	-5.56	1657	+201
Sparta_TN	94	64	78	+3	0.01	1	30.18	-5.41	1561	+382
Springfield	99	65	81	+6	0.00	0	28.48	-3.58	1561	+178
Springhill	98	65	81	+4	0.06	1	33.84	-1.75	1595	+197
Union_City	95	65	80	+4	0.00	0	30.10	-2.91	1583	+23
Waynesboro_TN	95	66	80	+5	0.03	1	29.79	-7.65	1537	-74

DFN = Departure From Normal (Using 1961-90 Normals Period). GDD = Growing Degree Days.
Precipitation Days = Days with precip of 0.01 inch or more. Precipitation (rain or melted snow/ice) in inches.
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